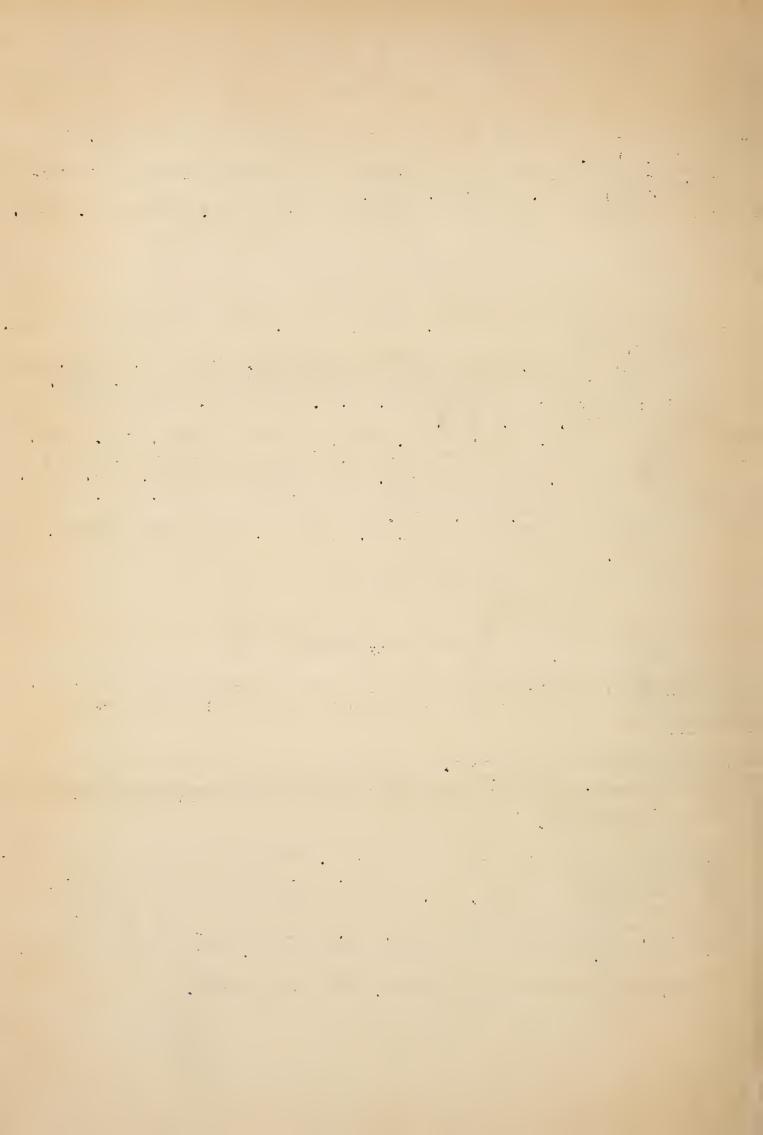
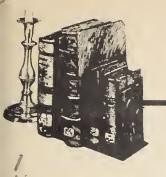
Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.





LIBRARY NEWSLETTER

U.S. DEPARTMENT OF AGRICULT

ALBUQUERQUE BRANCH P. O. Box 1348 Albuquerque, New Mexico

220 East Central

January, 1943

Vol. 1, No. 7

AMERICAN SILVICS AND SILVICULTURE By Edward G. Cheyney The University of Minnesota Press, 1942 Review by Mr. Quincy Randles. Assistant Regional Forester Division of Timber Management, Forest Service.

AMERICAN SILVICS AND SILVICULTURE is a book of 467 pages. The author states that he attempted to bring together a knowledge of the factors that influence the growth of trees in competition with each other, of the types in which American species group themselves and of the silvical characteristics of the more important species.

The material is presented in four major parts. Part I treats the major and minor silvical factors; Part II outlines the forest regions of the United States; Part III gives the silvicultural systems and the applications of those to the various forest types, while Part IV covers the silvical descriptions of the more important species. The organization of the material into the four major headings, treating first the factors influencing growth followed by a description of the forest regions is a logical arrangement.

The magnitude of the job of organizing the available data for the United States and the inability of one man to become thoroughly familiar with the great variety of species and conditions can be imagined and some errors are noted. These are not unduly sorious and the result is good and the student of Forestry will find in one place a wealth of usable material in all four parts. The practicing forester will be interested in Fart I and especially Part III whore the extensive experience and research in Europe have been taken and the general pattern there developed used by the author in outlining practices for use in the United States.

> THE ECONOMY OF ABUNDANCE By Stuart Chaso The MacMillan Company, 1934.

In the recent book entitled, THIS IS MY BEST, America's greatest living authors represented have made their own selections, and given their reasons why. Stuart Chaso made his selection from THE ECONOMY OF ABUNDANCE, published in 1934. His reason for its selection is quoted:

"I do not know whother it is my bost writing - the stylo strikes me as a bit ornate in 1942 - but I think the book represents my economic philosophy more completely than any other I have written. I feel that the thesis is more im-



portant today than it was when I wrote it. This war promises to increase mechanical energy and the capacity to produce in this country to heights hitherto inconceivable. When it ends we shall have a productive machine capable of smothering us with goods. Engineers and technicians for the first time in our history have been given the green light for all-out production. Look at Mr. Ford's bember plant at Willow Run. Money does not count much any longer; only men and materials count, and the techniques of abundance.

After the war shall we stifle this potential output, retreat to an economy of high prices and restricted output, and let the magnificent new plant ret? Or is there a people's revolution on, as Mr. Wallace says, a raging political demand to stop such nonsense, and to let the goods come through? The war may prove to be that long-sought catalyst which will explode old financial barriers and bring the age of abundance really into its own. At any rate, the technological imperatives, that I have described here, soom to be marching on."

AGRICULTURAL BACTERIOLOGY FOR STUDENTS IN GENERAL AGRICULTURE. H. L. Russell, and E. G. Hastings. 1921.

THE APPLICATION OF CHEMISTRY TO AGRICULTURE. C. C. Hodges and H. R. Brayton. 1938.

THE CHEMICAL AGE; THE MIRACLE OF MAN-MADE MATERIALS. Wm. Haynos. 1942.

THE COMPLETE GUIDE TO SOILLESS GARDENING. W. F. Gericke. 1941.

CONSERVATION OF THE SOIL. A. F. Gustafson. 1937.

DICTIONARY OF SCIENTIFIC TERMS, AS USED IN THE VARIOUS SCIENCES. C. M. Boadnell. 1939.

FIFTY THINGS TO MAKE FOR THE HOME. Julian Starr. 1941.

FLORICULTURE, FUNDAMENTALS AND PRACTICES. Alex Laurie and V. H. Ries. 1942.

HENLEY'S TWENTIETH CENTURY BOOK OF FORMULAS, PROCESSES AND TRADE SECRETS. 1942.

SHORT-WAVE MANUAL; A TREATISE ON THE DESIGN, CONSTRUCTION, OPERATION AND ADJUST-MENT OF SHORT- AND ULTRA-SHORT-WAVE RECIEVERS...F. J. Camm. 1942.

TESTING IN MODERN INDUSTRY. U. S. Testing Co., Inc. 1942.

TEXTBOOK OF AGRICULTURAL BACTERIOLOGY. F. Lohnis. 1923:

WEED CONTROL, A TEXTBOOK AND MANUAL. W. W. Robbins. 1942.

CLOTHING

ABC's of mending. C. L. Scott. USDA FB-1925. 1942.

Advanced 4-H Club clothing bulletin. L. Dryden. Ariz. Ext. C-116. 1942.

Coat making at home. M. Smith. USDA FB-1894. 1941.

Make-overs from men's suits. C. L. Scott. USDA L-230. 1942.

CROPS

Day length and crop yields. M. W. Parker and H. A. Borthwick. USDA. MP-507. Diseases of field crops. R. E. Smith. Calif. Ext. C-121. 1941.

PRODUCTIVE FARM CROPS. E. G. Montgomery. 1938.

Selling fresh fruits and vegetables cooperatively. J. H. Heckman. USDA. Farm Credit B-49. 1941.

SINGING VALLEYS; THE STORY OF CORN. Dorothy Giles. 1940.

A study of the effects of silty irrigation water from an intermittent stream on crops and soils in controlled plots. J. L. Gardner and D. S. Hubbell. From: JNL. OF AMERICAN SOC. OF AGRONOMY. Dec. 1942.

ECONOMICS

Education for planners. National Resources Planning Board. 1942.

Family spending and saving as related to age of wife and age and number of children. Day Monroe & others. USDA MP-489. 1942.

OVERSEAS AMERICA; OUR TERRITORIAL OUTPOSTS. C. F. Reid. 1942.

RECENT TRENDS IN RURAL PLANNING. Wm. E. Cole and H. P. Crowe. 1937.

RETAILER COOPERATIVES; HOW TO RUN THEM. Hactor Lazo. 1937.

SOCIAL SECURITY IN THE UNITED STATES. An analysis and appraisal of the Federal Social Security Act. Paul H. Douglas. 1936.

Toward Farm Security. The problem of rural poverty and the work of the Farm Security Administration. Joseph Gaer. 1941.

ENGINEERING

How to plan a tile drainage system. J. G. Sutton. USDA. SCS. 1942.

Overshot and current water wheels. Design construction and installation for small power developments on ranch and farm. C. W. Monson and A. J. Hill. Montana Exp. Sta. B-398. 1942.

Stratified flow in reservoirs and its use in prevention of silting. H. S. Bell. USDA. MP-491. 1942.

TRIAL LOAD METHOD OF ANALYZING ARCH DAMS. U. S. Bureau of Reclamation. Boulder Canyon Project. Final Reports. Pt. 5. 1938.

ENTOMOLOGY

COLLEGE ENTOMOLOGY, E. O. Essig. 1942.

COMMON NAMES OF INSECTS APPROVED BY THE AMERICAN ASSOCIATION OF ECONOMIC ENTO-MOLOGISTS. 1942.

GENERAL ENTOMOLOGY. S. W. Frost. 1942.

A HANDBOOK OF THE MOSQUITOES OF NORTH AMERICA; THEIR STRUCTURE, HOW THEY LIVE, HOW THEY CARRY DISEASE... Robert Matheson. 1929.

INTRODUCING INSECTS; A BOOK FOR BEGINNERS. J. G. Needham. 1940.

A MANUAL OF EXTERNAL PARASITES. H. E. Ewing. 1929.

The potato leafhopper, a post of alfalfa in the Eastern States. F. W. Poos. USDA. L-229. 1942.

Preventing damage to buildings by subterranean termites and their control. USDA FB-1911. 1962.

FOOD AND NUTRITION

ADAPTING FRUIT AND VEGETABLE PRODUCTS TO WAR NEEDS. W. V. Cruess and others. 1942.

Factors influencing the nutritive value of the tomato, a review of the literature. K. C. Hamner and L. A. Maynard. USDA. MP-502. 1942. FAMILY NUTRITION. Philadelphia Child Health Society. 1942.

General information sheet on dehydration of vegetables. USDA. Bureau of Agric. Chemistry and Engineering. 1942.

Home meat curing made easy. Morton Salt Co. 1941. MINERALS IN NUTRITION. Z. T. Wirtschafter. 1942.

THE NUTRITION HANDBOOK, a complete guide to the nutritional content of the food we pat. Demotria Taylor. 1942.

School gardens for school lunches. U. S. Office of Education C-210. 1942.
Testing cream and milk for butterfat. J. D. Foster. Ky. Exp. Sta. B-9. 1942.

FORESTRY

Farm forestry in the Lake States; an economic problem. Raphael Zon and Wm. A. Duerr. USDA C-661. 1942.

The forest Fights: (A pictorial account of a few of the forest industries' contributions to war production since Pearl Harbor). Timber Engineering.Co., National Lumber Mfg. Assoc., and American Forest Products Industries. 1942. List of state forestry agencies. USDA. Forest Sarvice. 1942.

A new classification procedure for agricultural land according to use capabilities and its importance to forestry. A. C. McIntyre. From: JOURNAL OF FORESTRY. Dec. 1942.

OUR FORESTS. David Cushman Coyle. 1940.

Wood plastics as developed at the Forest Products Laboratory and their future importance. E. C. Sherrard and Others. USDA Forest Products Laboratory. 1941.

HISTORY AND TRAVEL

HISTORIC STETCHES OF THE CATTLE TRADE OF THE WEST AND SOUTHWEST. J. G. McCoy. 1932.

SALT LAKE CITY. A regional Capital. C. D. Harris. 1940.

WASHINGTON, D. C. (American guide series) Federal Writers! Program. 1942.

LAND USE

Do you know this greenland. (Where farming was practiced before America was discovered) Vilhjalmur Stefansson. From: NATURAL HISTORY. Feb. 1943. GOVERNMENT HANDOUT; a study in the administration of the public lands, 1875-1891. H. H. Dunham. 1941.

Great Divide District pioneers in range control program. Lloyd A. Acott. From: SOIL CONSERVATION. January, 1943.

Saving soil and men. Duncan Scott. From: MEN MEXICO M.GAZINE. Fob. 1943. Soil and water economy in the Pueblo Southwest. Dr. Guy R. Stewart and Dr. Maurice Donnelly. From: SCIENTIFIC MONTHLY. Jan. 1943.

Some aspects of the evaluation of watershed flood control projects. Bernard Frank. From: JNL. OF LAND & PUBLIC UTILITY ECONOMICS. Nov. 1942.

Vanishing homesteads. Rev. Edgar Schmiddeler. 1941.

LATIN AMERICA

The agriculture of Colombia. K. H. Wylie. USDA. Foreign Agric. B-1. 1942.

LATIN AMERICAN BACKGROUNDS, a bibliography, prepared by the Research Division.

National Education Assoc. 1941.

The mission of the land-grant colleges in promoting our good neighbor policies among the Latin American republics. Dean E. J. Kyle. From: SCIENCE. Jan. 15, 1943.

THE SOUTH AMERICAN HANDBOOK, including Control America, Mexico, & Cuba. 1942.

LIVESTOCK

Beef production and profits from grazing yearling cattle on southeastern New Mexico cattle ranches. H. B. Pingrey. N. Mex. Agric. College PB-957.

Beef production in Harding County boosted 56,000 pounds a year by reseeding and building stock tanks. From: NEW MEXICO STOCKMAN. Jan. 1943.

Brucellosis of cattle. (Bang's disease, infectious abortion). A. Eichhorn and A. B. Crawford. USDA. FB-1871. Jan. 1941.

Cooperative dairy bull associations. J. G. Winkjer. USDA FB-1830. 1939. FARM ANIMALS; THEIR BREEDING, GROWTH, AND INDERITANCE. John Hammond. 1941.

Home-grown grains and by-product feeds for dairy cattle. D. L. Fourt and F. W. Atkeson. Idaho Agric. C-68. 1940.

Improving range conditions for wartime livestock production. F. G. Renner and E. A. Johnson. USDA. FB-1921. 1942.

War time ranching in Texas and Oklahoma. From: THE CATTLEMAN. Jan. 1943. The romance of leather. From: THE CATTLEMAN. Jan. 1943.

RECREATION

All-American square dances. Containing music, calls, diagrams and complete directions. "Allemande" Al Muller. 19/11.

Games for 4-H Clubs, Home Bureaus, and groups in the home. W. M. Smith. N. Y. College of Agric. B-369. 1937.

How to choose a play and how to write one. R. E. Gard and others. N. Y. College of Agric. B-449. 1940.

Program of songs, games, and folk dances for 4-H Clubs. M. E. Duthie. N. Y. College of Agric. B-55. 1941.

WAR

Backgrounds of the war farm labor problem. USDA. BAE. 1942.

Collaboration between colleges and universities and the Department of Agriculture with special reference to training replacements during the war. From: SCIENCE. Jan. 22, 1943.

Crisis in rubber. John L. Collyer. From: SCIENCE. Jan. 8, 1943.

Goaring our family life to help win the war. L. A. Lyndo. USDA. Extonsion Service. 1942.

Relief for ouropo. Mational Planning Association. 1912.

Poacetime values from a war technology. Dr. Gustav Egloff. From: SCIENCE.
Jan. 29, 1943.

Wartime migration in New Mexico. Charles P. Loomis. From: RURAI SOCIOLOGY. Doc. 1942.

What can we do about lac? (what the Southwest can do in meeting the crisis for shellac). Harold S. Colton. From: PLATEAU. Jan. 1943.

The why of mileago rationing. E. L. Moulton. From: NEW MEXICO STOCKAN.

Jan. 1943.

Women in war production. Thelma McKelvey. 1942.

ZOOLOGY

HONNS AND ANTLERS. Wilfrid S. Bronson. 1942.

NORTH AMERICAN BIG GAME. Boons and Crockott Club. 1939.

THE SOCIAL LIFE OF ANIMALS. W. C. Allos. 1938.



